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Permit No.: WA-002175-0  
Issuance Date: May 27, 2004  
Effective Date: July 1, 2004  
Expiration Date: June 30, 2009

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
WASTE DISCHARGE PERMIT NO. WA-002175-0

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY  
YAKIMA, WASHINGTON 98902

In compliance with the provisions of  
The State of Washington Water Pollution Control Law  
Chapter 90.48 Revised Code of Washington  
and  
The Federal Water Pollution Control Act  
(The Clean Water Act)  
Title 33 United States Code, Section 1251 et seq.

TWIN CITY FOODS, INC.  
PO BOX 1040  
PROSSER, WA 99350

<u>Facility Location:</u> 506 Sixth Street Prosser, WA 99350	<u>Outfall 001--Receiving Water:</u> Yakima River, River Mile 47.0  <u>Discharge Location:</u> Latitude: 46° 12' 10" N Longitude: 119° 46' 35" W
<u>Water Body I.D. No. (Outfall 001):</u> WA-37-1010 (Old)	<u>Outfall 002--Discharge to:</u> City of Prosser POTW
<u>Industry Type:</u> Potato Processor	<u>Discharge Location:</u> Latitude: 46° 12' 20" N Longitude: 119° 46' 23" W

is authorized to discharge in accordance with the special and general conditions which follow.

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G. Thomas Tebb, L.E.G.  
Section Manager  
Water Quality Program  
Central Regional Office  
Washington State Department of Ecology

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### SUMMARY OF PERMIT REPORT SUBMITTALS

Refer to the Special and General Conditions of this permit for additional submittal requirements.

Permit Section	Submittal	Frequency	First Submittal Date
S3.A.	Discharge Monitoring Report	Monthly	August 15, 2004
S3.E.	Noncompliance Notification	As necessary	As necessary
S4.A.	Operations and Maintenance Manual	1/permit cycle	June 30, 2008
S4.B.	Reporting Bypasses	As necessary	As necessary
S5.C.	Update of Solid Waste Control Plan	As necessary	As necessary
S5.C.	Modification to Solid Waste Plan	As necessary	As necessary
S6.A.	Spill and Slug Discharge Prevention and Control Plan	1/permit cycle	October 15, 2004
S6.B.	Update of Spill and Slug Discharge Prevention and Control Plan	1/permit cycle	June 30, 2008
S7.A.	Scope of Work	1/permit cycle	January 15, 2005
S7.B.	Draft Engineering Report	1/permit cycle	January 15, 2006
S7.C.	Final Engineering Report	1/permit cycle	July 15, 2006
S7.D.	Compliance with AKART	1/permit cycle	July 15, 2007
G1.	Notice of Change in Authorization	As necessary	As necessary
G4.	Permit Application for Substantive Changes to the Discharge	As necessary	As necessary
G5.	Engineering Report for Construction or Modification Activities	As necessary	As necessary
G7.	Application for Permit Renewal	1/permit cycle	June 30, 2008 <sup>a</sup>
G8.	Notice of Permit Transfer	As necessary	As necessary
G21.	Notice of Planned Changes	As necessary	As necessary
G22.	Reporting Anticipated Non-compliance	As necessary	As necessary

<sup>a</sup> Within one (1) year of permit expiration date

## SPECIAL CONDITIONS

### S1. DISCHARGE LIMITATIONS

All discharges and activities authorized by this permit shall be consistent with the terms and conditions of this permit. In the event the Department-approved Engineering Report required in Special Condition S7 contains new final effluent limits, Special Condition S1.A2 (Final Limitations) shall be revised through a permit modification.

The discharge of any of the following pollutants more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit.

#### A. Discharge to the Yakima River--Outfall 001

##### 1. Seasonal Interim Limitations

##### a. August 1 through October 31

Beginning on **July 1, 2004** and lasting through **July 15, 2007**, during the months **August through October**, the Permittee is authorized to discharge treated process wastewater at the permitted location subject to complying with the following limitations:

EFFLUENT LIMITATIONS: OUTFALL #001			
Parameter	Units	Average Monthly <sup>a</sup>	Maximum Daily <sup>b</sup>
Ammonia, Total, as N	mg/L; lbs/day	3.0; 12.5	5.0; 31.1
5-day Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L; lbs/day	15; 62.6	30; 186.4
Flow	MGD	0.5	0.745
Temperature	°C	N/A	23.5
Total Kjeldahl Nitrogen (TKN)	mg/L; lbs/day	20; 83.4	30; 186.4
Total Suspended Solids (TSS)	mg/L; lbs/day	18; 75.1	36; 223.7
Parameter	Units	Minimum Daily	
Dissolved Oxygen (DO)	mg/L	4.0	
Parameter	Units	Daily Discharge Value	
pH	Standard Units	Shall not be outside the range of 6.0 to 9.0	
a-The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.			
b-The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants			

with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.

c-The minimum daily effluent limit is defined as the lowest allowable daily discharge.

**b. November 1 through May 31**

Beginning on **July 1, 2004** and lasting through **July 15, 2007**, during the months **November through May**, the Permittee is authorized to discharge treated process wastewater at the permitted location subject to complying with the following limitations:

EFFLUENT LIMITATIONS: OUTFALL #001			
Parameter	Units	Average Monthly <sup>a</sup>	Maximum Daily <sup>b</sup>
Ammonia, Total, as N	mg/L; lbs/day	3.0; 12.5	5.0; 31.1
BOD <sub>5</sub>	mg/L; lbs/day	30; 125.1	45; 279.6
Flow	MGD	0.5	0.745
Temperature	°C	N/A	23.5
TKN	mg/L; lbs/day	20; 83.4	30; 186.4
TSS	mg/L; lbs/day	30; 125.1	45; 279.6
Parameter	Units	Minimum Daily	
DO	mg/L	4.0	
Parameter	Units	Daily Discharge Value	
pH	Standard Units	Shall not be outside the range of 6.0 to 9.0	
a-The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.			
b-The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.			
c-The minimum daily effluent limit is defined as the lowest allowable daily discharge.			

**c. June 1 through July 31**

Beginning on **July 1, 2004** and lasting through **July 15, 2007**, during the months **June and July**, the Permittee is authorized to discharge treated process wastewater at the permitted location subject to complying with the following limitations:

EFFLUENT LIMITATIONS: OUTFALL #001			
Parameter	Units	Average Monthly <sup>a</sup>	Maximum Daily <sup>b</sup>
Ammonia, Total, as N	mg/L; lbs/day	3.0; 12.5	5.0; 31.1
BOD <sub>5</sub>	mg/L; lbs/day	20; 83.4	40; 248.5
Flow	MGD	0.5	0.745
Temperature	°C	N/A	23.5
TKN	mg/L; lbs/day	20; 83.4	30; 186.4
TSS	mg/L; lbs/day	20; 83.4	40; 248.5
Parameter	Units	Minimum Daily	
DO	mg/L	4.0	
Parameter	Units	Daily Discharge Value	
pH	Standard Units	Shall not be outside the range of 6.0 to 9.0	
a-The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.			
b-The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.			
c-The minimum daily effluent limit is defined as the lowest allowable daily discharge.			

## 2. Final Limitations

Beginning on **July 16, 2007** and lasting **June 30, 2009**, the Permittee is authorized to discharge treated process wastewater at the permitted location subject to complying with the following limitations:

EFFLUENT LIMITATIONS: OUTFALL #001			
Parameter	Units	Average Monthly <sup>a</sup>	Maximum Daily <sup>b</sup>
Ammonia, Total, as N	mg/L; lbs/day	1.0; 4.2	3.0; 18.6
BOD <sub>5</sub>	mg/L; lbs/day	10; 41.7	20; 124.3
Flow	MGD	0.5	0.745
Temperature	°C	N/A	23.5
TKN	mg/L; lbs/day	10; 41.7	20; 124.3
TSS	mg/L; lbs/day	10; 41.7	20; 124.3
Parameter	Units	Minimum Daily	
DO	mg/L	4.0	
Parameter	Units	Daily Discharge Value	
pH	Standard Units	Shall not be outside the range of 6.0 to 9.0	
a-The average monthly effluent limitation is defined as the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.			
b-The maximum daily effluent limitation is defined as the highest allowable daily discharge. The daily discharge means the discharge of a pollutant measured during a calendar day. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day.			
c-The minimum daily effluent limit is defined as the lowest allowable daily discharge.			

### B. Municipal Sewer System Discharges--Outfall 002

During the period beginning on **July 1, 2004** and lasting through **June 30, 2009**, the Permittee is authorized to discharge process wastewater to the City of Prosser POTW subject to the limitations in the most current contract between the City and Twin City Foods that appears in Appendix C of the Department-approved Operation and Maintenance Manual. The current contract between the City and Twin City Foods shall be incorporated into the current O&M Manual on the effective date of this permit. At the time of issuance the contract, designated by the City as Schedule A and dated February 1, 2002 is in effect. The effluent limitations in that contract constitute the enforceable limits of this permit.

The Department anticipates that Twin City Foods and the City of Prosser will renegotiate the contract during the course of this permit as more information is



generated on the variability of the discharge and the City's treatment capacity. Upon establishment of a new contract, the facility shall submit the contract to the Department for approval. Upon approval, the contract shall be incorporated into Appendix C of the O&M Manual, and the limitations established in the new contract shall become the enforceable limits of this permit.

## S2. MONITORING REQUIREMENTS

### A. Monitoring Schedule

The Permittee shall monitor in accordance with the following schedule:

Category	Parameter	Units	Sample Point	Minimum Sampling Frequency	Sample Type
Wastewater Effluent	Flow	MGD	After Filtration	Continuous <sup>a</sup>	Measurement
"	Alkalinity	mg/L as CaCO <sub>3</sub>	"	1/month <sup>b</sup>	Grab <sup>c</sup>
"	Ammonia, Total, as N	mg/L	"	1/month	24-hour Composite <sup>d</sup>
"	Ammonia, Total, as N	lbs/day	"	1/month	Calculation <sup>e</sup>
"	BOD <sub>5</sub>	mg/L	"	1/week <sup>f</sup>	24-hour Composite
"	BOD <sub>5</sub>	lbs/day	"	1/week	Calculation
"	Hardness	mg/L as CaCO <sub>3</sub>	"	1/month	Grab
"	TKN	mg/L	"	1/month	24-hour Composite
"	TKN	lbs/day	"	1/month	Calculation
"	TSS	mg/L	"	2/week <sup>g</sup>	24-hour Composite
"	TSS	lbs/day	"	2/week	Calculation
"	pH	Standard Units	After Aeration	1/week	Grab
"	Temperature (Thermologger)	°C	"	Continuous	Measurement
"	DO	mg/L	"	1/week	Grab

a-"Continuous" means without interruption throughout the operating and discharging hours of the Permittee's facility, except for infrequent shutdowns for maintenance.
b-"1/month" means once per calendar month. Samples shall not be taken during the same week nor during consecutive weeks.
c-"Grab" means an individual sample collected over a fifteen (15) minute, or less, period.
d-"24-hour composite" means a series of individual samples collected over a 24-hour period into a single container, and analyzed as one sample.
e-"Calculation" means figured concurrently with the respective sample, using the following formula: Concentration (in mg/L) X Flow (in MGD) X Conversion Factor (8.34) = lbs/day.
f-"1/week" means one time during each calendar week and on a rotational basis throughout the days of the week, except weekends and holidays.
g-"2/week" means two (2) times during each calendar week and on a rotational basis throughout the days of the week, except weekends and holidays.

## **B. Sampling and Analytical Procedures**

Samples and measurements taken to meet the requirements of this permit shall be representative of the volume and nature of the monitored parameters, including representative sampling of any unusual discharge or discharge condition, including bypasses, upsets, and maintenance-related conditions affecting effluent quality.

Sampling and analytical methods used to meet the monitoring requirements specified in this permit shall conform to the latest revision of the *Guidelines Establishing Test Procedures for the Analysis of Pollutants* contained in 40 CFR Part 136 or to the latest revision of *Standard Methods for the Examination of Water and Wastewater* (APHA), unless otherwise specified in this permit or approved in writing by the Department of Ecology (Department).

## **C. Flow Measurement**

Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the quantity of monitored flows. The devices shall be installed, calibrated, and maintained to ensure that the accuracy of the measurements are consistent with the accepted industry standard for that type of device. Frequency of calibration shall be in conformance with manufacturer's recommendations. Calibration records shall be maintained for at least three (3) years.

**D. Laboratory Accreditation**

All monitoring data required by the Department shall be prepared by a laboratory registered or accredited under the provisions of, *Accreditation of Environmental Laboratories*, Chapter 173-50 WAC. Flow, temperature, settleable solids, conductivity, pH, turbidity, and internal process control parameters are exempt from this requirement. Conductivity and pH shall be accredited if the laboratory must otherwise be registered or accredited. The Department exempts crops, soils, and hazardous waste data from this requirement pending accreditation of laboratories for analysis of these media.

**S3. REPORTING AND RECORDKEEPING REQUIREMENTS**

The Permittee shall monitor and report in accordance with the following conditions. The falsification of information submitted to the Department shall constitute a violation of the terms and conditions of this permit.

**A. Reporting**

The first monitoring period begins on **July 1, 2004**. Monitoring results shall be submitted monthly with the first submittal due date of **August 15, 2004**. Monitoring data obtained during each monitoring period shall be summarized, reported, and submitted on a Discharge Monitoring Report (DMR) form provided, or otherwise approved, by the Department. DMR forms shall be received no later than the 15th day of the month following the completed monitoring period, unless otherwise specified in this permit. Unless otherwise specified, all toxicity test data shall be postmarked within sixty (60) days after the sample date. The report(s) shall be sent to:

Permit Data System Manager  
Washington State Department of Ecology  
Central Regional Office  
15 West Yakima Avenue, Suite 200  
Yakima, Washington 98902

All laboratory reports providing data for organic and metal parameters shall include the following information: sampling date, sample location, date of analysis, parameter name, CAS number, analytical method/ number, method detection limit (MDL), laboratory practical quantitation limit (PQL), reporting units, and concentration detected.

Discharge Monitoring Report forms must be submitted monthly whether or not the facility was discharging. If there was no discharge during a given monitoring period, submit the form as required with the words "no discharge" entered in place of the monitoring results.

**B. Records Retention**

The Permittee shall retain records of all monitoring information for a minimum of three (3) years. Such information shall include all calibration and maintenance records and all original recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit. This period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the Permittee or when requested by the Director.

**C. Recording of Results**

For each measurement or sample taken, the Permittee shall record the following information: (1) the date, exact place, method, and time of sampling or measurement; (2) the individual who performed the sampling or measurement; (3) the dates the analyses were performed; (4) the individual who performed the analyses; (5) the analytical techniques or methods used; and (6) the results of all analyses.

**D. Additional Monitoring by the Permittee**

If the Permittee monitors any pollutant more frequently than required by this permit using test procedures specified by Special Condition S2. of this permit, then the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Permittee's DMR.

**E. Noncompliance Notification**

In the event the Permittee is unable to comply with any of the terms and conditions of this permit due to any cause, the Permittee shall:

1. Immediately take action to stop, contain, and clean up unauthorized discharges or otherwise stop the noncompliance, correct the problem and, if applicable, repeat sampling and analysis of any noncompliance immediately and submit the results to the Department within thirty (30) days after becoming aware of the violation.
2. Immediately notify the Department of the failure to comply.

3. Submit a detailed written report to the Department within thirty (30) days (five [5] days for upsets and bypasses), unless requested earlier by the Department. The report shall contain a description of the noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

Compliance with these requirements does not relieve the Permittee from responsibility to maintain continuous compliance with the terms and conditions of this permit or the resulting liability for failure to comply.

#### **S4. OPERATION AND MAINTENANCE**

The Permittee shall, at all times, properly operate and maintain all facilities or systems of treatment and control (and related appurtenances) which are installed to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems, which are installed by a Permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

##### **A. Operations and Maintenance Manual**

An Operations and Maintenance (O&M) Manual shall be prepared by the Permittee in accordance with WAC 173-240-150 and be submitted to the Department for approval by **June 30, 2008**.

The approved O&M Manual shall be kept available at the permitted facility and all operators shall follow the instructions and procedures of this manual.

In addition to the requirements of WAC 173-240-150(1) and (2), the O&M Manual shall include:

1. Emergency procedures for plant shutdown and cleanup in event of wastewater system upset or failure;
2. Wastewater system maintenance procedures that contribute to the generation of process wastewater;

3. Any directions to maintenance staff when cleaning, or maintaining other equipment or performing other tasks which are necessary to protect the operation of the wastewater system (e.g. defining maximum allowable discharge rate for draining a tank, blocking all floor drains before beginning the overhaul of a stationary engine.);
4. The treatment plant process control monitoring schedule;
5. Minimum staffing required to operate and maintain the treatment system and conduct compliance monitoring required by this permit;
6. Procedures for operation and maintenance of samplers, flow meters and any additional equipment used to assure compliance with this equipment;
7. Best management practices relevant to O&M of the treatment system (e. g., no addition of cooked product to the treatment system); and,
8. The most current contract between TCF and the City, to constitute Appendix C of the manual.

The following information shall be summarized in the initial chapter of the O&M Manual. This chapter shall be entitled the "Treatment System Operating Plan." For the purposes of this NPDES permit, a Treatment System Operating Plan (TSOP) is a concise summary of specifically defined elements of the O&M Manual. The TSOP shall not conflict with the O&M Manual and shall include the following information:

1. A baseline operating condition, which describes the operating parameters and procedures, used to meet the effluent limitations of Special Condition S1 at the production levels used in developing these limitations.
2. In the event of production rates, which are below the baseline levels used to establish these limitations, the plan shall describe the operating procedures and conditions needed to maintain design treatment efficiency. The monitoring and reporting shall be described in the plan.
3. In the event of an upset, due to plant maintenance activities, severe stormwater events, start ups or shut downs, or other causes, the plan shall describe the operating procedures and conditions employed to mitigate the upset. The monitoring and reporting shall be described in the plan.
4. A description of any regularly scheduled maintenance or repair activities at the facility which would affect the volume or character of the wastes

discharged to the wastewater treatment system and a plan for monitoring and treating/controlling the discharge of maintenance-related materials (such as cleaners, degreasers, solvents, etc.).

**B. Bypass Procedures**

Bypass, which is the intentional diversion of waste streams from any portion of a treatment facility, is prohibited, and the Department may take enforcement action against a Permittee for bypass unless one of the following circumstances (1, 2, or 3) is applicable.

1. Bypass for Essential Maintenance without the Potential to Cause Violation of Permit Limits or Conditions.

Bypass is authorized if it is for essential maintenance and does not have the potential to cause violations of limitations or other conditions of this permit, or adversely impact public health as determined by the Department prior to the bypass. The Permittee shall submit prior notice, if possible, at least ten (10) days before the date of the bypass.

2. Bypass Which is Unavoidable, Unanticipated, and Results in Noncompliance of this Permit.

This bypass is permitted only if:

- a. Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.
- b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment downtime (but not if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance), or transport of untreated wastes to another treatment facility.
- c. The Department is properly notified of the bypass as required in Special Condition S3.E of this permit.

3. Bypass which is Anticipated and has the Potential to Result in Noncompliance of this Permit.

The Permittee shall notify the Department at least thirty (30) days before the planned date of bypass. The notice shall contain (1) a description of the bypass and its cause; (2) an analysis of all known alternatives which would eliminate, reduce, or mitigate the need for bypassing; (3) a cost-effectiveness analysis of alternatives including comparative resource damage assessment; (4) the minimum and maximum duration of bypass under each alternative; (5) a recommendation as to the preferred alternative for conducting the bypass; (6) the projected date of bypass initiation; (7) a statement of compliance with SEPA; (8) a request for modification of water quality standards as provided for in WAC 173-201A-110, if an exceedance of any water quality standard is anticipated; and (9) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the bypass.

For probable construction bypasses, the need to bypass is to be identified as early in the planning process as possible. The analysis required above shall be considered during preparation of the engineering report or facilities plan and plans and specifications and shall be included to the extent practical. In cases where the probable need to bypass is determined early, continued analysis is necessary up to and including the construction period in an effort to minimize or eliminate the bypass.

The Department will consider the following prior to issuing an administrative order for this type bypass:

- a. If the bypass is necessary to perform construction or maintenance-related activities essential to meet the requirements of this permit.
- b. If there are feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, stopping production, maintenance during normal periods of equipment down time, or transport of untreated wastes to another treatment facility.
- c. If the bypass is planned and scheduled to minimize adverse effects on the public and the environment.

After consideration of the above and the adverse effects of the proposed bypass and any other relevant factors, the Department will approve or deny the request. The public shall be notified and given an opportunity to comment on bypass incidents of significant duration, to the extent feasible. Approval of a request to



bypass will be by administrative order issued by the Department under RCW 90.48.

**C. Duty to Mitigate**

The Permittee is required to take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

**S5. SOLID WASTE DISPOSAL**

**A. Solid Waste Handling**

The Permittee shall handle and dispose of all solid waste material in such a manner as to prevent its entry into State ground or surface water.

**B. Leachate**

The Permittee shall not allow leachate from its solid waste material to enter State waters without providing all known, available and reasonable methods of prevention, control and treatment (AKART), nor allow such leachate to cause violations of the State Surface Water Quality Standards, Chapter 173-201A WAC, or the State Ground Water Quality Standards, Chapter 173-200 WAC. The Permittee shall apply for a permit or permit modification as may be required for such discharges to State ground or surface waters.

**C. Solid Waste Control Plan**

The Permittee shall submit all proposed revisions or modifications to the Solid Waste Control Plan to the Department. The Permittee shall comply with any plan modifications.

**S6. SPILL AND SLUG DISCHARGE PREVENTION AND CONTROL PLAN**

**A. Spill and Slug Discharge Prevention and Control Plan**

By **October 15, 2004**, the Permittee shall submit to the Department a Spill and Slug Discharge Prevention and Control Plan for the prevention, containment, and control of spills or unplanned releases. The Permittee shall review and update the plan as needed. Changes to the plan shall be sent to the Department. The plan and any supplements shall be followed throughout the term of the permit. The

current approved plan shall be maintained on the plant site and be readily available to facility personnel.

The Spill and Slug Discharge Prevention and Control Plan shall include the following:

1. A description of a reporting system to be used to immediately notify facility management, the POTW operator, and appropriate State, Federal, and local authorities of any spills or slug discharges, and provisions to provide a written follow-up report within five days;
2. A description of operator training, equipment, and facilities (including overall facility plan) for preventing, containing, or treating spills or slug discharges;
3. A list of all raw materials, products, chemicals, and hazardous materials used, processed, or stored at the facility; the normal quantity maintained on the premises for each listed material; and a map showing where they are located.
4. A description of discharge practices for batch and continuous processes under normal and non-routine circumstances;
5. A brief description of any unauthorized discharges which occurred during the 36-month period preceding the effective date of this permit and subsequent measures taken by Permittee to prevent or to reduce the possibility of further unauthorized discharges; and
6. An implementation schedule including additional operator training and procurement and installation of equipment or facilities required to properly implement the plan.

Plans and manuals required by 40 CFR Part 112, contingency plans required by chapter 173-303 WAC, or other plans required by other agencies which meet the intent of this section may be submitted.

**B. Update of the Plan**

The Permittee shall submit an update of the Spill and Slug Discharge Prevention and Control Plan, or a certification that it is current with the application for permit renewal.

**S7. SCHEDULE OF COMPLIANCE**

The Permittee shall be in compliance with the final effluent limits specified in Special Condition S1.A.2 of this permit by **July 15, 2007**. This Schedule of Compliance requires submittal of draft and final Engineering Reports to the Department, for review and approval, on or before the dates specified in parts A and B of this permit condition.

In the event the Engineering Report determines the final limits specified in Special Condition S1.A.2 of this permit do not constitute AKART (all known, available and reasonable methods of prevention, control and treatment), the report shall propose a new AKART standard of treatment and effluent limits for the parameters in Special Condition S1.A.2. In addition, the Engineering Report shall address removal of storm water from the wastewater treatment system.

**A. Scope of Work**

The Permittee shall submit an approvable Scope of Work to the Department by **January 15, 2005**.

**B. Draft Engineering Report**

The Permittee shall submit an approvable draft Engineering Report to the Department by **January 15, 2006**.

**C. Final Engineering Report**

The Permittee shall submit a final Engineering Report to the Department by **July 15, 2006**.

**D. Compliance with AKART**

The Permittee shall be in compliance with either the final effluent limits specified in Special Condition S1.A.2 of this permit, or the Department-approved effluent limits in the Engineering Report required in this permit condition, by **July 15, 2007**.

Engineering documents submitted by the Permittee shall be written in accordance with the requirements of Chapter 173-240 WAC, especially subsections -130 and -140 of this regulation.

## GENERAL CONDITIONS

### G1. SIGNATORY REQUIREMENTS

All applications, reports, or information submitted to the Department shall be signed and certified.

- A. All permit applications shall be signed by either a responsible corporate officer of at least the level of vice president of a corporation, a general partner of a partnership, or the proprietor of a sole proprietorship.
- B. All reports required by this permit and other information requested by the Department shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
  - 1. The authorization is made in writing by a person described above and submitted to the Department.
  - 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- C. Changes to authorization. If an authorization under paragraph B.2 above is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the requirements of paragraph B.2 above must be submitted to the Department prior to or together with any reports, information, or applications to be signed by an authorized representative.
- D. Certification. Any person signing a document under this section shall make the following certification:

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false

information, including the possibility of fine and imprisonment for knowing violations.

**G2. RIGHT OF INSPECTION AND ENTRY**

The Permittee shall allow an authorized representative of the Department, upon the presentation of credentials and such other documents as may be required by law:

- A. To enter upon the premises where a discharge is located or where any records must be kept under the terms and conditions of this permit.
- B. To have access to and copy - at reasonable times and at reasonable cost - any records required to be kept under the terms and conditions of this permit.
- C. To inspect - at reasonable times - any facilities, equipment (including monitoring and control equipment), practices, methods, or operations regulated or required under this permit.
- D. To sample or monitor - at reasonable times - any substances or parameters at any location for purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act.

**G3. PERMIT ACTIONS**

This permit may be modified, revoked and reissued, or terminated either at the request of any interested person (including the Permittee) or upon the Department's initiative. However, the permit may only be modified, revoked and reissued, or terminated for the reasons specified in 40 CFR 122.62, 122.64 or WAC 173-220-150 according to the procedures of 40 CFR 124.5.

- A. The following are causes for terminating this permit during its term, or for denying a permit renewal application:
  - 1. Violation of any permit term or condition.
  - 2. Obtaining a permit by misrepresentation or failure to disclose all relevant facts.
  - 3. A material change in quantity or type of waste disposal.
  - 4. A determination that the permitted activity endangers human health or the environment or contributes to water quality standards violations and can only be regulated to acceptable levels by permit modification or termination [40 CFR part

122.64(3)].

5. A change in any condition that requires either a temporary or permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit [40 CFR part 122.64(4)].
  6. Nonpayment of fees assessed pursuant to RCW 90.48.465.
  7. Failure or refusal of the Permittee to allow entry as required in RCW 90.48.090.
- B. The following are causes for modification but not revocation and reissuance except when the Permittee requests or agrees:
1. A material change in the condition of the waters of the State.
  2. New information not available at the time of permit issuance that would have justified the application of different permit conditions.
  3. Material and substantial alterations or additions to the permitted facility or activities which occurred after this permit issuance.
  4. Promulgation of new or amended standards or regulations having a direct bearing upon permit conditions, or requiring permit revision.
  5. The Permittee has requested a modification based on other rationale meeting the criteria of 40 CFR part 122.62.
  6. The Department has determined that good cause exists for modification of a compliance schedule, and the modification will not violate statutory deadlines.
  7. Incorporation of an approved local pretreatment program into a municipality's permit.
- C. The following are causes for modification or alternatively revocation and reissuance:
1. Cause exists for termination for reasons listed in A1 through A7, of this section, and the Department determines that modification or revocation and reissuance is appropriate.
  2. The Department has received notification of a proposed transfer of the permit. A permit may also be modified to reflect a transfer after the effective date of an automatic transfer (General Condition G8) but will not be revoked and reissued

after the effective date of the transfer except upon the request of the new Permittee.

**G4. REPORTING PLANNED CHANGES**

The Permittee shall, as soon as possible, but no later than sixty (60) days prior to the proposed changes, give notice to the Department of planned physical alterations or additions to the permitted facility, production increases, or process modification which will result in: 1) the permitted facility being determined to be a new source pursuant to 40 CFR 122.29(b); 2) a significant change in the nature or an increase in quantity of pollutants discharged; or 3) a significant change in the Permittee's sludge use or disposal practices. Following such notice, and the submittal of a new application or supplement to the existing application, along with required engineering plans and reports, this permit may be modified, or revoked and reissued pursuant to 40 CFR 122.62(a) to specify and limit any pollutants not previously limited. Until such modification is effective, any new or increased discharge in excess of permit limits or not specifically authorized by this permit constitutes a violation.

**G5. PLAN REVIEW REQUIRED**

Prior to constructing or modifying any wastewater control facilities, an engineering report and detailed plans and specifications shall be submitted to the Department for approval in accordance with Chapter 173-240 WAC. Engineering reports, plans, and specifications shall be submitted at least one hundred eighty (180) days prior to the planned start of construction unless a shorter time is approved by Ecology. Facilities shall be constructed and operated in accordance with the approved plans.

**G6. COMPLIANCE WITH OTHER LAWS AND STATUTES**

Nothing in this permit shall be construed as excusing the Permittee from compliance with any applicable Federal, State, or local statutes, ordinances, or regulations.

**G7. DUTY TO REAPPLY**

The Permittee shall apply for permit renewal at least one (1) year prior to the specified expiration date of this permit.

**G8. TRANSFER OF THIS PERMIT**

In the event of any change in control or ownership of facilities from which the authorized discharge emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Department.

A. Transfers by Modification

Except as provided in paragraph B below, this permit may be transferred by the Permittee to a new owner or operator only if this permit has been modified or revoked and reissued under 40 CFR 122.62(b)(2), or a minor modification made under 40 CFR 122.63(d), to identify the new Permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

B. Automatic Transfers

This permit may be automatically transferred to a new Permittee if:

1. The Permittee notifies the Department at least thirty (30) days in advance of the proposed transfer date.
2. The notice includes a written agreement between the existing and new Permittee's containing a specific date transfer of permit responsibility, coverage, and liability between them.
3. The Department does not notify the existing Permittee and the proposed new Permittee of its intent to modify or revoke and reissue this permit. A modification under the subparagraph may also be minor modification under 40 CFR 122.63. If this notice is not received, the transfer is effective on the date specified in the written agreement.

**G9. REDUCED PRODUCTION FOR COMPLIANCE**

The Permittee, in order to maintain compliance with its permit, shall control production and/or all discharges upon reduction, loss, failure, or bypass of the treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where, among other things, the primary source of power of the treatment facility is reduced, lost, or fails.

**G10. REMOVED SUBSTANCES**

Collected screenings, grit, solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters shall not be resuspended or reintroduced to the final effluent stream for discharge to State waters.



**G11. DUTY TO PROVIDE INFORMATION**

The Permittee shall submit to the Department, within a reasonable time, all information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The Permittee shall also submit to the Department upon request, copies of records required to be kept by this permit.

**G12. OTHER REQUIREMENTS OF 40 CFR**

All other requirements of 40 CFR 122.41 and 122.42 are incorporated in this permit by reference.

**G13. ADDITIONAL MONITORING**

The Department may establish specific monitoring requirements in addition to those contained in this permit by administrative order or permit modification.

**G14. PAYMENT OF FEES**

The Permittee shall submit payment of fees associated with this permit as assessed by the Department.

**G15. PENALTIES FOR VIOLATING PERMIT CONDITIONS**

Any person who is found guilty of willfully violating the terms and conditions of this permit shall be deemed guilty of a crime, and upon conviction thereof shall be punished by a fine of up to ten thousand dollars (\$10,000) and costs of prosecution, or by imprisonment in the discretion of the court. Each day upon which a willful violation occurs may be deemed a separate and additional violation.

Any person who violates the terms and conditions of a waste discharge permit shall incur, in addition to any other penalty as provided by law, a civil penalty in the amount of up to ten thousand dollars (\$10,000) for every such violation. Each and every such violation shall be a separate and distinct offense, and in case of a continuing violation, every day's continuance shall be deemed to be a separate and distinct violation.

**G16. UPSET**

Definition – “Upset” means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment

facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of the following paragraph are met.

A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence that: 1) an upset occurred and that the Permittee can identify the cause(s) of the upset; 2) the permitted facility was being properly operated at the time of the upset; 3) the Permittee submitted notice of the upset as required in Special Condition S3.E; and 4) the Permittee complied with any remedial measures required under Special Condition S5 of this permit.

In any enforcement proceeding the Permittee seeking to establish the occurrence of an upset has the burden of proof.

#### **G17. PROPERTY RIGHTS**

This permit does not convey any property rights of any sort, or any exclusive privilege.

#### **G18. DUTY TO COMPLY**

The Permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

#### **G19. TOXIC POLLUTANTS**

The Permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if this permit has not yet been modified to incorporate the requirement.

#### **G20. PENALTIES FOR TAMPERING**

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this Condition, punishment shall be a fine of not more than twenty

thousand dollars (\$20,000) per day of violation, or by imprisonment of not more than four (4) years, or by both.

**G21. REPORTING ANTICIPATED NON-COMPLIANCE**

The Permittee shall give advance notice to the Department by submission of a new application or supplement thereto at least one hundred and eighty (180) days prior to commencement of such discharges, of any facility expansions, production increases, or other planned changes, such as process modifications, in the permitted facility or activity which may result in noncompliance with permit limits or conditions. Any maintenance of facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during non-critical water quality periods and carried out in a manner approved by the Department.

**G22. REPORTING OTHER INFORMATION**

Where the Permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

**G23. REPORTING REQUIREMENTS APPLICABLE TO EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURAL DISCHARGERS**

The Permittee belonging to the categories of existing manufacturing, commercial, mining, or silviculture must notify the Department as soon as they know or have reason to believe:

- A. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in this permit, if that discharge will exceed the highest of the following "notification levels:"
  - 1. One hundred micrograms per liter (100 µg/l).
  - 2. Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony.
  - 3. Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
  - 4. The level established by the Director in accordance with 40 CFR 122.44(f).
- B. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in this

permit, if that discharge will exceed the highest of the following “notification levels:”

1. Five hundred micrograms per liter (500µg/L).
2. One milligram per liter (1 mg/L) for antimony.
3. Ten (10 ) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 CFR 122.21(g)(7).
4. The level established by the Director in accordance with 40 CFR 122.44(f).

**G24. COMPLIANCE SCHEDULES**

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.